

HERBERT HOOVER DIKE REHABILITATION PROJECT

Dam Safety Modification Study Update

**Water Resources Advisory Commission and
South Florida Ecosystem Restoration
Task Force**

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Presentation and BLUF

Presentation:

- Background and purpose of Dam Safety Modification Study (DSMS)
- Implementation Timeline
- DSMS Completion
- Next Steps

Bottom Line Upfront (BLUF):

- Corps team is working to complete the draft DSMS report to support the public release of the NEPA document in August 2014 with final report approval in March 2015



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Dam Safety Modification Study

System-Wide Risk Reduction Approach

- Goal is to reduce the risk of failure improving Dam Safety Action Classification (DSAC) rating
- Identify and address the highest risks first through Dam Safety Modification Study
- Reach 1 cut-off wall and culvert replacements and removals are risk reduction measures

Seepage Management Pilot Project

- Alternative risk reduction feature for embankment and foundation seepage control

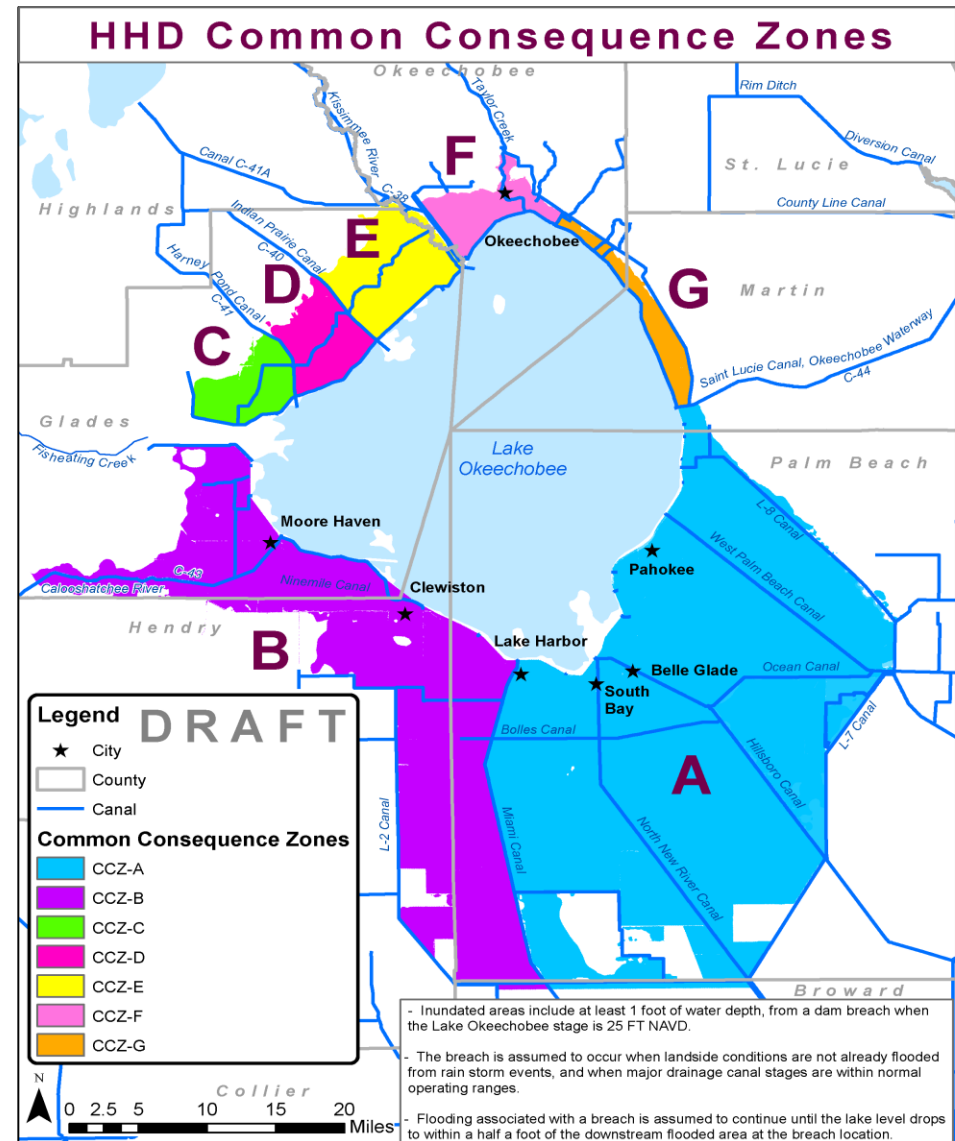
Dam Safety Modification Study (DSMS)

- Study includes the entire 143 mile embankment and structures
- Multiple alternatives being analyzed to reduce risk
- NEPA document to include alternatives within the DSMS
- Draft NEPA document available for review in Summer 2014
- Study approval in 2015



Modification Study Completion

- Herbert Hoover Dike Dam Safety Modification Study (DSMS) completion: March 2015
- Consequence zones based on Standard Project Flood (SPF)
- Cut-off wall installed in sections of zone A while culverts are located in all zones except zone G
- DSMS implementation packages to consider life safety and consequence zones
- March 2015 approval will allow additional fixes be included in the FY2017 budget



Next Steps

- 1) Next Dam Senior Oversight Group (DSOG) briefing: **May 2014**
- 2) Detailed briefing of DSMS to SFWMD and FDEP: **28 May 2014**
- 3) Public workshops on Plan Formulation: **June 2014**
- 4) Dam Senior Oversight Group endorsement of TSP: **July 2014**
- 5) Draft NEPA document available for review: **August 2014**
- 6) Approved DSMS Report: **March 2015**



Future Risk Reduction Measures:

- Implementation packages developed for consideration
- Construction to begin in FY 2017



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